CLAIMS

1.   A method for providing a virtual namespace for an active computing environment comprising:

assigning a virtual token to a resource capable of being named by said active computing environment;

interposing a name translator between said resource and said active computing environment;

binding said resource to said virtual token; and

translating said virtual token into said resource using said name translator, if named by said active computing environment.

2.   The method of claim 1 wherein said name translator is a hash table.

3.   The method of claim 1 wherein said virtual token is only identifiable from within said active computing environment.

4.   A method of providing a file system view for a virtual namespace comprising:

mapping a portion of a file system into a compute capsule;

determining if a user wishes to modify one or more files in said file system view; and

modifying said files.

5.   The method of claim 4 wherein a user is able to customize said portion of said file system that is mapped into said compute capsule.

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6.   The method of claim 4 wherein said step of modifying further comprises:

modifying said files in a copy-on-write mode, if said files are read only or system files.

7.   The method of claim 1 further comprising:

controlling access to said active computing environment.

8.   A virtual namespace for an active computing environment comprising:

a virtual token configured to represent a resource capable of being named by said active

computing environment;

a name translator configured to be interposed between said resource and said active

computing environment;

a binder configured to bind said resource to said virtual token; and

a translator configured to translate said virtual token into said resource using said name

translator, if named by said active computing environment.

9.   The virtual namespace of claim 8 wherein said name translator is a hash table.

10.   The virtual namespace of claim 8 wherein said virtual token is only identifiable from

within said active computing environment.

11.   A file system view for a virtual namespace comprising:

a mapper configured to map a portion of a file system into a compute capsule; and

a determiner configured to determine if a user wishes to modify one or more files in said file

system view wherein said files are configured to be modified.

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12.   The file system view of claim 11 wherein a user is able to customize said portion of said file system that is mapped into said compute capsule.

13.   The file system view of claim 8 wherein said files are configured to be modified in a copy-on-write mode, if said files are read only or system files.

14.   The virtual namespace of claim 8 further comprising:

an access control list for controlling access to said active computing environment.

15.   A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to provide a virtual namespace for an active computing environment, said computer program product comprising:

computer readable code configured to cause a computer to assign a virtual token to a resource capable of being named by said active computing environment;

computer readable code configured to cause a computer to interpose a name translator between said resource and said active computing environment;

computer readable code configured to cause a computer to bind said resource to said virtual token; and

computer readable code configured to cause a computer to translate said virtual token into said resource using said name translator, if named by said active computing environment.

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16.   The computer program product of claim 15 wherein said name translator is a hash table.

17.   The computer program product of claim 15 wherein said virtual token is only identifiable from within said active computing environment.

18.   A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to provide a file system view for a virtual namespace, said computer program product comprising:

computer readable code configured to cause a computer to map a portion of a file system into a compute capsule;

computer readable code configured to cause a computer to determine if a user wishes to modify one or more files in said file system view; and

computer readable code configured to cause a computer to modify said files.

19.   The computer program product of claim 18 wherein a user is able to customize said portion of said file system that is mapped into said compute capsule.

20.   The computer program product of claim 18 wherein said computer readable code configured to cause a computer to modify further comprises:

computer readable code configured to cause a computer to modify said files in a copy-on-write mode, if said files are read only or system files.

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21.   The computer program product method of claim 15 further comprising:

computer readable code configured to cause a computer to control access to said active

computing environment.